

## DOT&E ACTIVITY SUMMARY

DOT&E activity for FY01 involved oversight of 219 programs, including 18 major automated information systems. Oversight activity begins with the early acquisition milestones, continues through approval for full-rate production and, in some instances, during full production until deleted from the DOT&E oversight list.

Our review of test planning activities for FY01 included approval of 44 Test and Evaluation Master Plans (TEMPs), as well as 50 Operational Test Plans. Live Fire Test and Evaluation (LFT&E) activity included the approval of 14 LFT&E Strategies and Test Plans for inclusion in the TEMPs. In FY01 through February 14, 2002, DOT&E prepared 12 reports for the Secretary of Defense and the Congress.

DOT&E also prepared and submitted numerous reports to DAB principals for consideration in DAB deliberations.

### TEST AND EVALUATION MASTER PLANS APPROVED

Aberdeen Chemical Disposal Facility Program	Chemical Demilitarization Program Umatilla	M1A2 Abrams Tank
Advanced Amphibious Assault Vehicle (AAAV)	Chemical Agent Disposal Facility	MILSTAR II Satellite Communications System
Advanced Combat Direction System (ACDS) Block I	Cooperative Engagement Capability (CEC)	Minuteman III Propulsion Replacement Program (PRP)
Advanced Extremely High Frequency Satellite Communications System	F/A-18 Positive Identification System (PIDS)	Multifunctional Information Distribution System (MIDS) - Low Volume Terminal (LVT) F-16 Integration
Advanced Field Artillery Tactical Data System (AFATDS) 99 LUTE	F/A-18E/F Active Electronically Scanned Array (AESA) Radar	Multifunctional Information Distribution System (MIDS) - Low Volume Terminal (LVT) Shipboard Integration
Army UH-60M Black Hawk Utility Helicopter	F/A-18E/F Software Qualification Test (SQT) and FOT&E	Navy Extremely High Frequency (EHF) Satellite Communications (SATCOM) Program (NESP)
Auxillary Cargo and Ammunition Ship (T-AKE)	F-22	Navy Standard Integration Personnel System (NSIPS)
B-1B CMUP Block E Computer Upgrade and Wind Corrected Munitions Dispenser (WCMD) Integration Program	Fuels Automated System (FAS)	PROPHET Ground Block I (PGBI)
Business Systems Modernization (BSM)	Interim Armored Vehicle (IAV)	Reserve Component Automation System (RCAS)
C-130X Phase I Avionics Modernization Program (AMP)	Joint Direct Attack Munition (JDAM) Program Milestone III	Reserve Component Automation System (RCAS) Increment 6
Chemical Demilitarization Program Newport	Joint Helmet-Mounted Cueing System (JHMCS)	
Chemical Agent Disposal Facility	Joint Service Light Nuclear, Biological, and Chemical Reconnaissance System (JSLNBRCS)	
	Large Aircraft Infrared Countermeasure (LAIRCM)	

RQ-4A Global Hawk  
Unmanned Aerial Vehicle  
SEAWOLF (SSN-21)  
Suite of Integrated Infrared  
Countermeasures  
(SIIRCM) Program  
Tactical Automated Mission  
Planning System (TAMPS)  
Theater Medical Information  
Program (TMIP)

TOMAHAWK Command  
and Control System (TC2S)  
TOMAHAWK Cruise  
Missile  
Transportation Command  
(TRANSCOM) Regulating  
and Command & Control  
Evacuation System  
(TRAC<sup>2</sup>ES)

V-22 Osprey Change One  
VIRGINIA (SSN 774)  
Wideband Gapfiller (WGS)

## OPERATIONAL TEST PLANS APPROVED

Advanced Amphibious  
Assault Vehicle (AAAV)  
EOA  
Advanced Amphibious  
Assault Vehicle (AAAV)  
Ballistic Hull and Turret  
DTP  
Advanced Combat Direction  
System (ACDS) Block I  
OT-IIIE  
Advanced TOMAHAWK  
Weapon Control System  
(ATWCS) OT-IIIL  
ALR-56/ALE-47 FOT&E  
AN/APR-39A(V) Radar  
Warning Detecting Set  
OT-IIIA  
AN/APR-39A(V) Radar  
Warning Detecting Set  
OT-IIIB  
AN/USQ-113 (V)3 Radio  
Countermeasures Set  
OT-IIIC/D  
Army Tactical Unmanned  
Aerial Vehicle (TUAV)  
EDP  
Battlefield Combat  
Identification System EDP  
Bradley Fighting Vehicle  
System IOT&E EDP  
Brilliant Anti-armor  
Submunition (BAT)  
DTP/EDP

CH-47 Chinook Aircraft  
Engine Nacelle Fire  
Suppression System  
Combat Survivor Evader  
Locator (CSEL) OA2 OTP  
Cooperative Engagement  
Capability (CEC) OT-IIA4  
Defense Civilian Personnel  
Data System (DCPDS)  
E-2C Hawkeye Mission  
Computer Upgrade (MCU)  
Evolved Sea Sparrow Missile  
(ESSM) OT-IIIB  
Evolved Sea Sparrow Missile  
(ESSM) OT-IIC  
F/A-18E/F OT-IIIA  
F-22 SAMP  
Force XXI Battle Command,  
Brigade and Below  
(FBCB2) EDP  
Fuel Automated Systems  
(FAS) (Bulk Fuels)  
Joint Air-to-Surface Strike  
Missile (JASSM) DT-5  
Joint Biological Point  
Detection System OA2  
Joint Helmet-Mounted  
Cueing System (JHMCS)  
Joint Surveillance Target  
Attack Radar System  
(JSTARS) Common  
Ground Station (CGS)  
Version 2 OA ATEC EDP

M1A2 System Enhancement  
Program (SEP) EDP  
M270A1 Multiple Launch  
Rocket System (MLRS)  
Medium Armored Vehicle  
(MAV) CEP  
Multifunctional Information  
Distribution System  
(MIDS) - Low Volume  
Terminal (LVT) OT-IIA-3I  
(F/A-18C/D)  
Multifunctional Information  
Distribution System  
(MIDS) - Low Volume  
Terminal (LVT) Shipboard  
Integration OT-IIIB-I  
Multifunctional Information  
Distribution System  
(MIDS) - Low Volume  
Terminal (LVT) Shipboard  
Integration  
Navy Extremely High  
Frequency (EHF) Satellite  
Communications  
(SATCOM) Program  
(NESP) Terminal OT-IIIC  
Navy Standard Integration  
Personnel System (NSIPS)  
OT-IIIB  
PROPHET Ground 1 (PGB1)  
SEP  
Reserve Component  
Automation System  
(RCAS) Increment 4/5 SEP

Reserve Component Automation System (RCAS) Increment 6 SEP/EDP	Suite of Integrated Radio Frequency Countermeasures (SIRFC)	USS SEAWOLF (SSN 21) and AN/BSY-2 (V) Submarine Combat System Minefield OTP
Sensor Fuzed Weapon (SFW) P3I OT&E Support Plan	Tactical Automated Mission Planning System (TAMPS) OT-IIIH	USS SEAWOLF (SSN 21) and AN/BSY-2(V) Submarine Combat System
Standoff Land Attack Missile-Expanded Response (SLAM-ER)	Tomahawk Command and Control System (TC2S) OT-IIIF	Cold Water Test Plan
Strategic Sealift Program (SSP) OT-IIB	Unmanned Aerial Vehicle (UAV) Joint Tactical Control System (TCS)	USS SEAWOLF (SSN 21) and AN/BSY-2(V) Submarine Combat System Warm Water Test Plan
Submarine Communications Support System (SCSS)	USS SEAWOLF (SSN 21) and AN/BSY-2(V) Submarine Combat System	

### **LFT&E STRATEGIES AND TEST PLANS APPROVED**

Auxillary Cargo and Ammunition Ship (T-AKE) LFT&E Plan	F-22 Wing Hydrodynamic Ram LFT Plan	M1A2 Abrams Tank Phase 3 EDP
C-130 Avionics Modernization Program (AMP) Alt LFT	Joint Air-to-Surface Strike Missile (JASSM) DT-4 LFT&E Plan	M1A2 LFT&E Phase 3 EDP/DTP
CH-47 Chinook (Improved Cargo Helicopter) Aircraft Propulsion System LFT Phase IV	Joint Air-to-Surface Strike Missile (JASSM) LFT&E Plan	Sensor Fuzed Weapon (SFW) P3I Live Fire Phase I Test Plan
DDG 81 Full Ship Shock Trial Plan (FSSTP)	Joint Strike Fighter (JSF) LFT&E Alt Plan	Sensor Fuzed Weapon (SFW) Pre-Planned Product Improvement LFT&E Plan
	M1A2 Abrams Tank Phase 3 DTP LFT Plan	

## REPORTS TO CONGRESS FOR FY01 TROUGH FEBRUARY 14, 2002

F-15E TEWS AN/ALQ 135 Band 1.5 OT&E Report (November 2000)	B-2 Bomber Conventional Warfare Mission LFT&E Report (January 2001)	Predator Medium Altitude Endurance Unmanned Aerial Vehicle OT&E Report (September 2001)
V-22 Osprey OT&E/LFT&E Report (November 2000)	Joint Direct Attack Munition (JDAM) OT&E Report (March 2001)	Joint Primary Aircraft Training System (JPATS) OT&E Report (November 2001)
XM1001 40mm Canister Cartridge LFT&E Report (November 2000)	M2A3 Bradley Fighting Vehicle System (BFVS) OT&E/LFT&E Report (April 2001)	Cooperative Engagement Capability (CEC) OT&E Report (February 2002)
Coastal Mine Hunter (MHC 51) OT&E Report (December 2000)	Minuteman III Intercontinental Ballistic Missile (ICBM) Propulsion Replacement Program (PRP) OT&E Report (September 2001)	
MH-47E AND MH-60K SOA LFT&E Report (December 2000)		

During this fiscal year, DOT&E met with Service operational test agencies, program officials, private-sector organizations, and academia; monitored test activities; and provided information to the DAB committees as well as the DAB principals, the Secretary and Deputy Secretary of Defense, the USD(AT&L), the Service Secretaries, and the Congress. Active on-site participation in and observation of tests and test-related activities remain the most effective tools. In addition to on-site participation and local travel within the national capital region, approximately 680 trips supported the DOT&E mission.

Security considerations preclude identifying classified programs in this report. The objective, however, is to ensure operational effectiveness and suitability do not suffer due to extraordinary security constraints imposed on those programs.